



United States  
Department of  
Agriculture

Natural Resources Conservation Service

# Great Lakes Restoration Initiative Wisconsin (2010 - 2013)

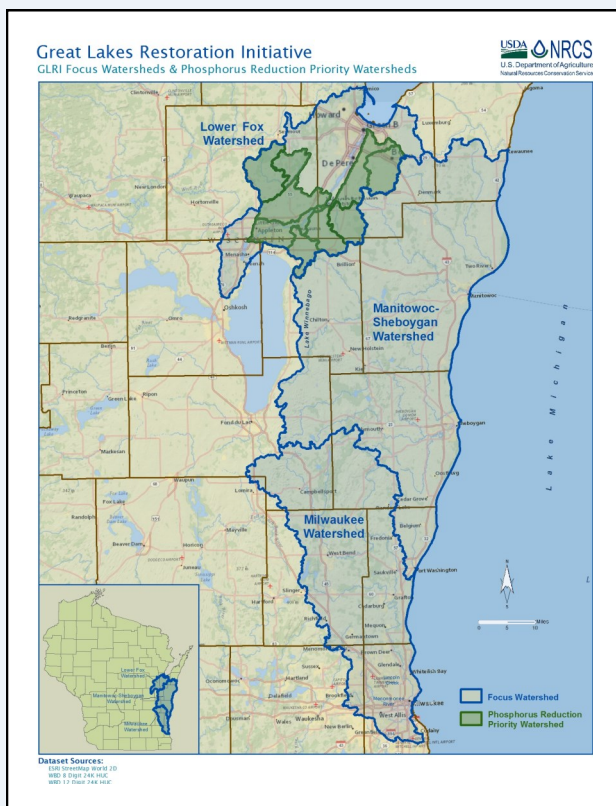


## GLRI in Wisconsin

NRCS in Wisconsin has focused Great Lakes Restoration Initiative (GLRI) conservation program funds in the Lower Fox, Manitowoc-Sheboygan, and the Milwaukee watershed, which border the shores of Lake Michigan. Wisconsin's GLRI Phosphorus Reduction Pilot Initiative is focused in nine 12-digit HUCs within the Lower Fox watershed (see map below).

The NRCS focus for GLRI in Wisconsin is to:

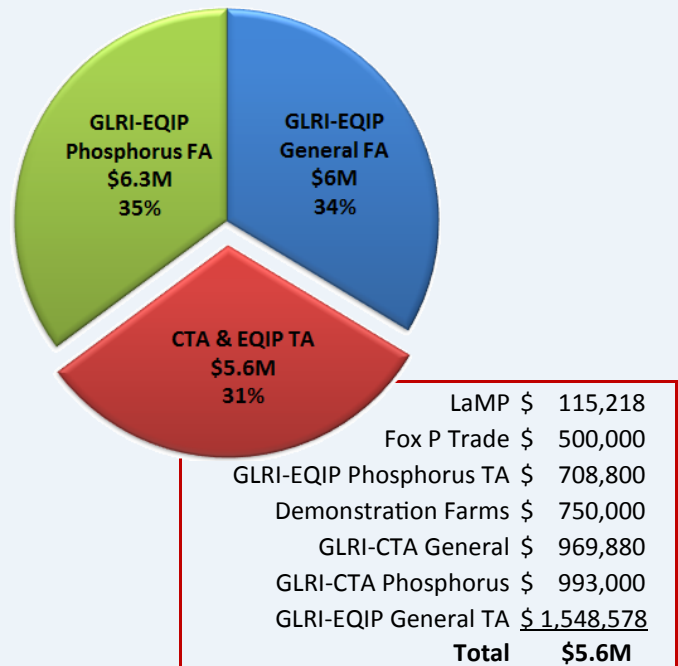
- Implement core conservation practices in a systems approach in targeted watersheds to address surface water quality resource concerns associated with livestock operations.
- Collaborate with conservation partners to accelerate conservation practice implementation and leverage federal funding.



NRCS Photos: (L) Lake Michigan; (C) Dairy farm in the Manitowoc-Sheboygan watershed; (R) NRCS District Conservationist Josh Odekirk (left) presents Terry Groth of Farm 45 a farm sign recognizing his participation in the GLRI.

## GLRI Funding

During the period from federal fiscal year 2010 to 2013, NRCS has received over \$17.9 million in GLRI funding from the US Environmental Protection Agency (EPA).



## Accelerating Conservation Funding in GLRI Priority Watersheds

Financial Assistance (FA) funding to NRCS through GLRI has nearly tripled the amount of funding assistance in the Lower Fox, Manitowoc-Sheboygan, and Milwaukee watersheds over the past 4 years.

NRCS Farm Bill FA funding (2010-2013): **\$ 6.3M**  
 NRCS GLRI FA funding (2010-2013): **\$12.3M**  
 Total funding: **\$18.6M**



## Contribution Agreements

GLRI-EQIP Technical Assistance: Brown County LWCD, Sheboygan County LWCD, Outagamie County LCD, Ozaukee County LWMD, Washington County LWCD

Conservation Technical Assistance: Glacierland RC&D, Ozaukee County LWMD, Wisconsin DATCP

Great Lakes Commission: Establish Phosphorus Credit Trading Framework (Fox P Trade) for the Lower Fox Watershed

Great Lakes Commission: Establish Demonstration Farms Network in the Lower Fox Watershed

Sand County Foundation: Operate Watershed-Scale Nutrient Management Project

## Edge-of-Field Monitoring

In collaboration with US Geological Survey (USGS) and the EPA, three edge-of-field monitoring stations have been installed in the Lower Fox watershed. NRCS is providing technical and financial assistance for implementation of the conservation practices that will be installed on the farms. Data from the monitoring stations will be utilized to evaluate the effectiveness of a system of practices in reducing concentrations and loads of targeted pollutants; and to calibrate, validate, and verify predictive models.



*NRCS Photos: (L) Grassed Waterway; (C) Waste Storage Facility; (R) NRCS Soil Conservationist Julie Hager (left) presents Scott Theunis of Tinedale Cropping a farm sign recognizing his participation in the GLRI.*

## Delivering Results

NRCS has obligated 276 GLRI-EQIP contracts to date, currently totaling \$11.3 million. Over 60,000 acres of land are currently enrolled in GLRI-EQIP contracts. Fifty-four different conservation practices have been contracted. The following are the top conservation practices listed by dollar amount:

Conservation Practice	Contracted Amount	Obligation
Waste Storage Facility	49	\$ 3,739,289
Waste Transfer	68	\$ 989,786
Heavy Use Area Protection	54 ac	\$ 889,476
Integrated Pest Management	17,333 ac	\$ 862,399
Waste Treatment	10	\$ 718,614
Nutrient Management	21,556 ac	\$ 692,186
Waste Facility Closure	26	\$ 498,409
Grassed Waterway	35 mi	\$ 458,535
Comprehensive Nutrient Management Plan	58	\$ 378,583
Cover Crop	9,812 ac	\$ 269,597
Solid Liquid Waste Separation Facility	3	\$ 186,900
Roof Runoff Structure	73	\$ 101,232
Stream Crossing	43	\$ 94,905
Prescribed Grazing	425 ac	\$ 39,975
Tree & Shrub Establishment	66 ac	\$ 38,775
Water & Sediment Control Basin	44	\$ 38,483

## Program Manager

Tom Krapf, Assistant State Conservationist  
608-662-4422 ext. 232 (tom.krapf@wi.usda.gov)

For more information, visit: [www.wi.usda.gov](http://www.wi.usda.gov)  
USDA is an equal opportunity provider and employer.

